

MELODY-4-M2

~30° medium beam optimized for Nichia
NCSW219A with 4 optics

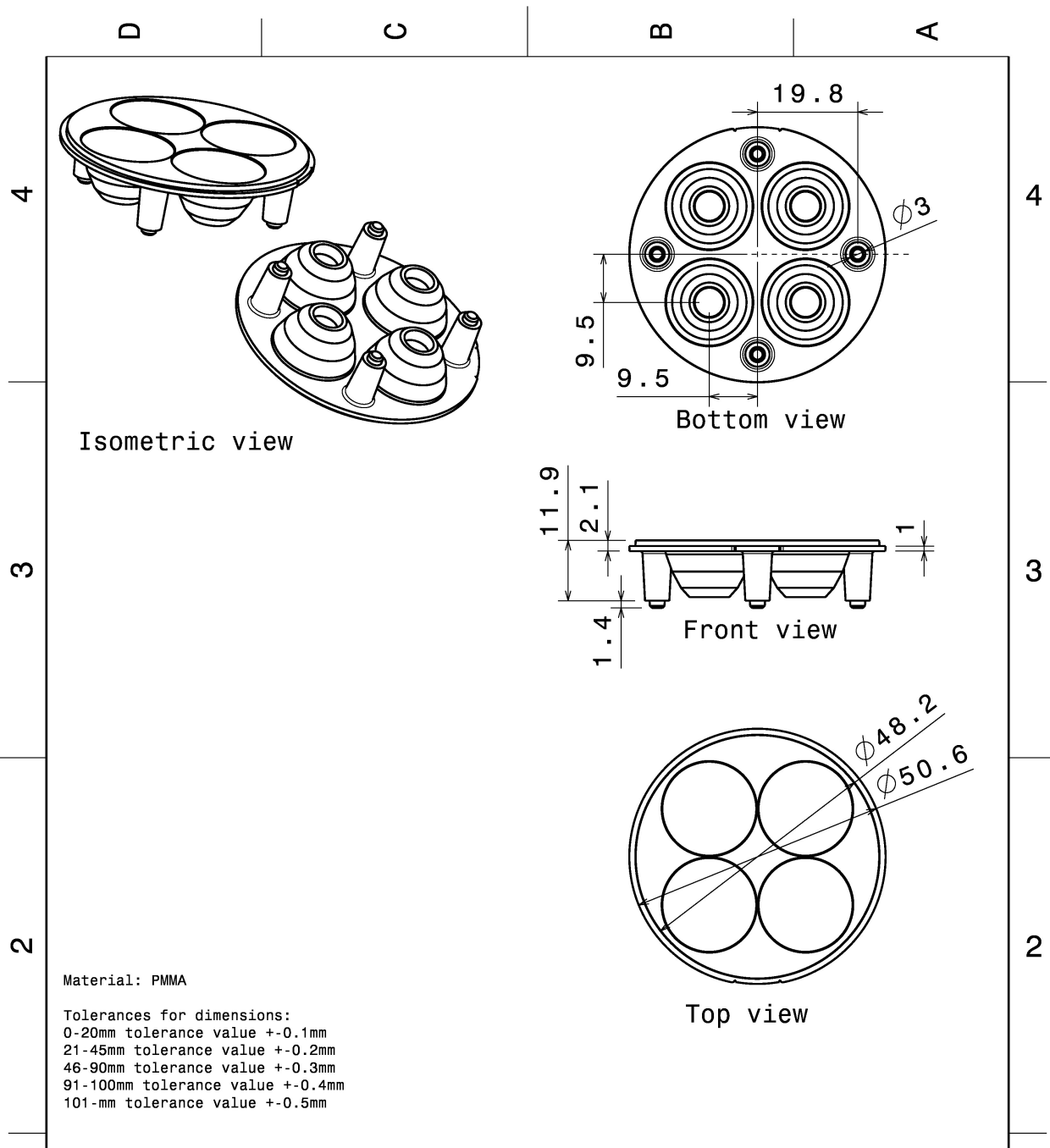
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.6 mm
Height	11.9 mm
Fastening	pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	0 kg
Quantity in Box	364 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
MELODY-4-M2	Lens array	PMMA	clear



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DRAWING TITLE

Datasheet MELODY-4 series

DRAWN BY
mav

DATE
18.04.2012

CHECKED BY
sn

DATE
18.04.2012

SIZE
A4

DRAWING NUMBER
-

REV
1

DESIGNED BY
mav

DATE
06.03.2012

SCALE

1:1

WEIGHT (g)

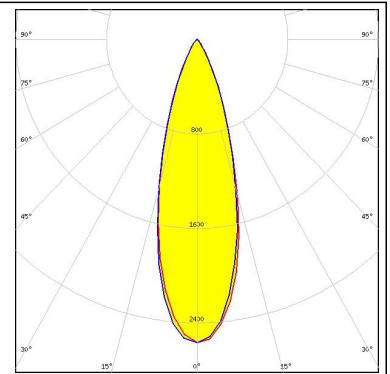
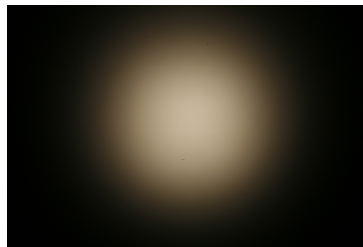
SHEET

1/1

PHOTOMETRIC DATA (MEASURED):



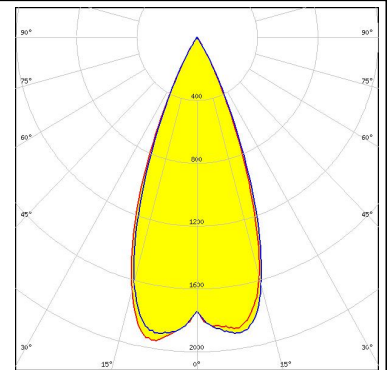
LED LUXEON Z ES
FWHM 32.0°
Efficiency 87 %
Peak intensity 2.600 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED LUXEON T
FWHM 42.0°
Efficiency 92 %
Peak intensity cd/lm
Required components:



LED NCSxx19A
FWHM 36.0°
Efficiency 90 %
Peak intensity cd/lm
Required components:



LED NCSxx19B
FWHM 36.0°
Efficiency 92 %
Peak intensity cd/lm
Required components:



LED NVSxx19A
FWHM 40.0°
Efficiency 89 %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):

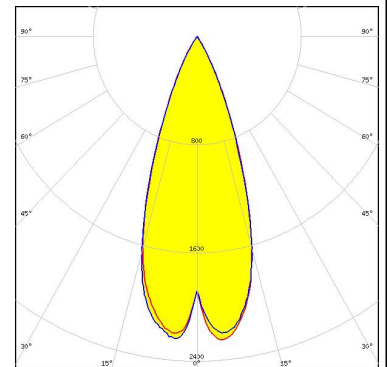


LED NVSxx19B/NVSxx19C
FWHM 41.0°
Efficiency 90 %
Peak intensity cd/lm
Required components:



SEOUL SEMICONDUCTOR

LED Z5M
FWHM 38.0°
Efficiency 92 %
Peak intensity cd/lm
Required components:



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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